

METHOD AND SYSTEM FOR EXTRACTING METAL FROM GLASS WASTE

1 **Abstract of the Disclosure**

 A method and systems are provided for extracting heavy metal from
glass waste. Glass is initially crushed to a diameter size of about 2 millimeters.
The glass is then added to a tank having a solution of water and acid, where the
5 acid removes metal from the surface of the glass particles. The solution is then
separated from the glass particles. In some embodiments, the glass particles are
also rinsed with water and the rinsed water is treated to remove any residual
contaminates. In more embodiments, the solution can be reused for a number of
iterations that treat glass waste in order to extract heavy metal from the glass
10 waste.